WHAT IS CLAIMED IS:

1. A liquid crystal display device with a touch panel, comprising:

a liquid crystal display device displaying a picture image;

a digitizer detecting a position of a stylus pen and located below the liquid crystal display device;

a passivation layer on an upper surface of the liquid crystal display device; and

a top case securing both the liquid crystal display device and the passivation layer.

2. The liquid crystal display device with the touch panel of claim 1, wherein the liquid crystal display device comprises:

a liquid crystal display panel having first and second substrates having a cell gap therebetween maintained by spacers, and a liquid crystal between the first and second substrates;

first and second polarizing plates on external surfaces of the first and second substrates, respectively; and

a backlight irradiating light to the liquid crystal display panel.

3. The liquid crystal display device with the touch panel of claim 2, wherein the spacers are patterned spacers attached to one of the first substrate and the second substrate.

4. The liquid crystal display device with the touch panel of claim 2, further comprising a top case securing the liquid crystal display panel, the first and second polarizing plates, the backlight, and the passivation layer to one another.

5. The liquid crystal display device with the touch panel of claim 2, further comprising a driving circuit below the digitizer for driving the liquid crystal display panel.

6. The liquid crystal display device with the touch panel of claim 2, wherein the passivation layer is formed on the first polarizing plate.

7. The liquid crystal display device with the touch panel of claim 1, wherein the passivation layer is formed of a polyethylene terephtalate layer.

8. The liquid crystal display device with the touch panel of claim 7, wherein the polyethylene terephtalate layer is processed with an antiglare treatment.

9. The liquid crystal display device with the touch panel of claim 1, wherein the passivation layer is processed with a hard-coating treatment.

10. The liquid crystal display device with the touch panel of claim 1, wherein the digitizer comprises:

a sensor board generating an electromagnetic wave and detecting the electromagnetic wave from the stylus pen to detect a position of the stylus pen and located below the liquid crystal display device;

a shield plate preventing the electromagnetic wave generated from the sensor and located below the sensor board; and

a digitizer board driving the sensor and located below the shield plate.

11. A method of fabricating a liquid crystal display device with a touch panel, comprising:

forming a liquid crystal display device displaying a picture image;

forming a digitizer detecting a position of a stylus pen and located below the liquid crystal display device;

forming a passivation layer on an upper surface of the liquid crystal display device; and

forming a top case securing both the liquid crystal display device and the passivation layer.

12. The method of claim 11, wherein the liquid crystal display device comprises:

a liquid crystal display panel having first and second substrates having a cell gap therebetween maintained by spacers, and a liquid crystal between the first and second substrates;

first and second polarizing plates on external surfaces of the first and second substrates, respectively; and

a backlight irradiating light to the liquid crystal display panel.

13. The method of claim 12, wherein the spacers are patterned spacers attached to one of the first substrate and the second substrate.

14. The method of claim 12, further comprising forming a top case securing the liquid crystal display panel, the first and second polarizing plates, the backlight, and the passivation layer to one another.

15. The method of claim 12, further comprising forming a driving circuit below the digitizer for driving the liquid crystal display panel.

16. The method of claim 12, wherein the passivation layer is formed on the first polarizing plate.

17. The method of claim 11, wherein the passivation layer is formed of a polyethylene terephtalate layer.

18. The method of claim 17, wherein the polyethylene terephtalate layer is processed with an antiglare treatment.

19. The method of claim 11, wherein the passivation layer is processed with a hard-coating treatment.

20. The method of claim 11, wherein the digitizer comprises:

a sensor board generating an electromagnetic wave and detecting the electromagnetic wave from the stylus pen to detect a position of the stylus pen and located below the liquid crystal display device;

a shield plate preventing the electromagnetic wave generated from the sensor and located below the sensor board; and

a digitizer board driving the sensor and located below the shield plate.